

## International Atomic Energy Agency

The IAEA, a member of the United Nations family, with headquarters in Vienna, Austria, is an independent intergovernmental science and technology-based organization that serves as the global focal point for nuclear cooperation. As of September 2009, 150 countries are members of the IAEA. There are more than 2200 IAEA staff members from over 90 countries. The regular budget in 2008 was approximately €277M; in addition, some member countries contribute voluntary contributions for specific purposes.

The IAEA has a threefold mandate: assistance with the development and transfer of peaceful nuclear technology; establishment and maintenance of a global nuclear safety regime; and verification, through its inspection system, of compliance with the Nonproliferation Treaty and specific safeguards agreements.

The IAEA's Department of Safeguards is responsible for verification. Its staff is equally divided between safeguards inspectors and support staff. Safeguards inspectors visit nuclear facilities around the world to perform nuclear measurements, review accountancy records, and make observations to verify the non-diversion of nuclear material from peaceful uses. The support staff provides the specialized equipment, training and analysis to support the inspectors. Currently, more than 900 nuclear facilities worldwide contain safeguarded material.

### Additional Information

For more information consult the following web sites:

[www.bnl.gov/iaea-jpo](http://www.bnl.gov/iaea-jpo)  
[www.iaea.org](http://www.iaea.org)  
[www.bnl.gov/ISPO](http://www.bnl.gov/ISPO)

Questions can be sent to  
[tcollins@bnl.gov](mailto:tcollins@bnl.gov)

## Application Process

Recruitment for positions begins with a position defined by the IAEA. ISPO advertises the position on its website at [www.bnl.gov/ispo/jpo/jpo.asp](http://www.bnl.gov/ispo/jpo/jpo.asp) and in other media upon receipt.

To apply for a JPO position, fill out a Personal History Form, available at [www.bnl.gov/iaea-jpo](http://www.bnl.gov/iaea-jpo), and return it to

Tanya Collins  
International Safeguards Project Office  
Brookhaven National Laboratory  
P.O. Box 5000  
Upton, NY 11973-5000  
E-mail: [tcollins@bnl.gov](mailto:tcollins@bnl.gov) (preferred)

## Compensation

The IAEA offers a competitive package of benefits and entitlements that includes:

- Tax exempt salary and post adjustment
- Health Insurance
- Participation in the UN Joint Staff Pension Fund
- Relocation Costs
- Installation and Repatriation grants
- Housing subsidy
- Education grant for dependent children
- Six weeks vacation
- Home leave
- Training and staff development

Note: some benefits do not apply to employees working for less than 2 years.

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Brookhaven National Laboratory

**The International Atomic  
Energy Agency  
Junior Professional Officer (JPO)  
Program**

International Safeguards Project Office



Atoms For Peace

## The U.S. Support Program To IAEA Safeguards (The USSP)

The USSP assists the IAEA in its mission to verify that nuclear material placed under IAEA safeguards is not diverted for non-peaceful purposes. Specifically, the USSP provides extra budgetary assistance for targeted projects to resolve technical safeguards questions.

In recent years, the USSP has sponsored projects to assist the IAEA across a broad spectrum of disciplines, including non-destructive analysis of nuclear material, containment/surveillance capabilities, environmental monitoring techniques, remote monitoring, and information collection, processing and analysis. The assistance is provided by a number of U.S. participants, including private sector businesses, Department of Energy national laboratories, individual consultants on short-term assignments, and experts and junior professionals who live in Vienna and work at IAEA headquarters.

The USSP receives funding primarily from the Department of State through the U.S. Program of Technical Assistance to IAEA Safeguards (POTAS), established in 1977 by Senator John Glenn. However, the Department of State, the Department of Energy, the Nuclear Regulatory Commission, and the Department of Defense also provide additional funding and program coordination. The International Safeguards Project Office (ISPO), located at Brookhaven National Laboratory, is responsible for the day-to-day technical and administrative management of the USSP.



## Junior Professional Officer Opportunities with the IAEA Department of Safeguards



The USSP sponsors Junior Professional Officers (JPOs) to assist with basic yet essential work to free experienced staff members for more complex tasks and provide valuable work experience for the JPO. Examples of positions likely to be requested by the IAEA include:

### 1. Computer Science —

Projects include development of small applications, support of database administration, management of equipment and application installation, and troubleshooting.

### 2. Open Source Information Collection —

Open source information is a means for detecting undeclared activities. JPOs in the Division of Information Management help with the collection, processing and evaluation of open source information. Graduates of nuclear engineering, physics or political science programs, especially students specializing in non-proliferation, arms control or international security with experience in information research are encouraged to apply.

### 3. Engineering Services —

The IAEA uses portable and installed equipment for radiation monitoring, surveillance, and securing inventories and assets. Opportunities exist for individuals with degrees in mechanical, electrical, industrial, and nuclear engineering to assist with the development and management of the equipment.

Tasks may include testing of new equipment, troubleshooting

and maintaining inspection equipment, performance monitoring, and receipt and preparation of equipment.

### 4. Technical Writing —

The IAEA Division of Safeguards Technical Services is responsible for management of equipment and training. Technical writers can prepare procedures, technical specifications, user documentation, and training materials. Individuals should have a technical education in science or engineering and excellent English writing skills.

**5. Other** — A limited number of positions may be available at the IAEA in other divisions, depending on a particular project need in that area. These students will be placed on a person-by-person basis by the program manager.

### Eligibility Requirements

Candidates will be:

- between the ages of 18 and 32
- U.S. Citizens or Permanent Resident Aliens
- recent graduates of an accredited institution of higher education.
- Capable of working independently and possess good communication skills.

Successful candidates will be assigned to work with the IAEA at its Headquarters in Vienna, Austria for a period of at least one year. JPOs receive all the rights and benefits of IAEA professional staff members.